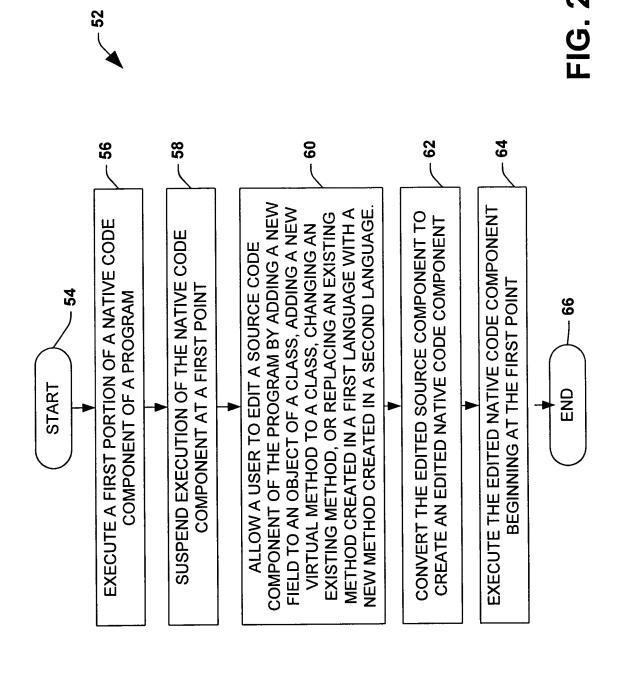


<u>. 1</u>



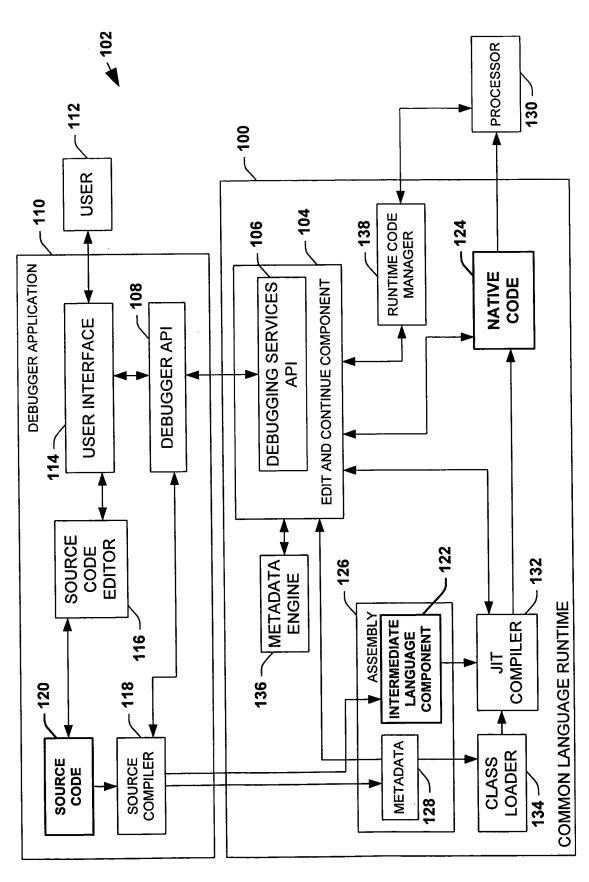


FIG. 3

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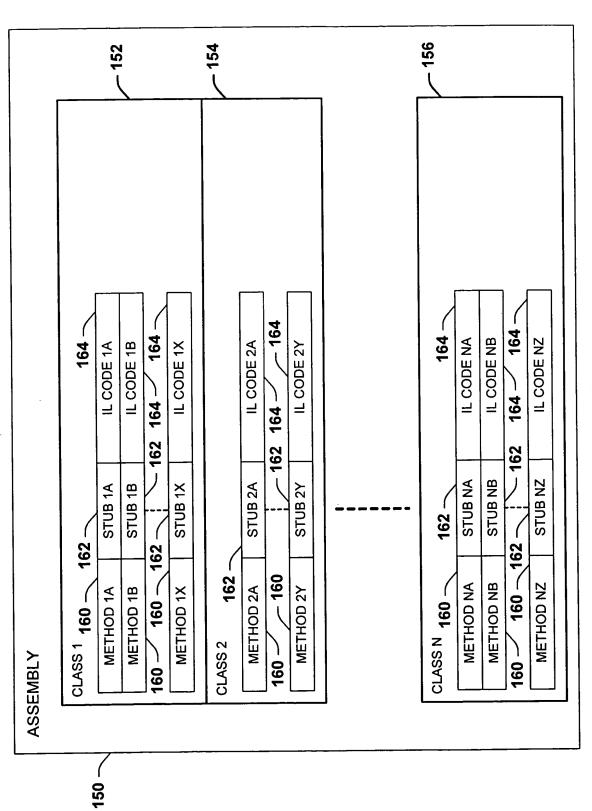


FIG. 4

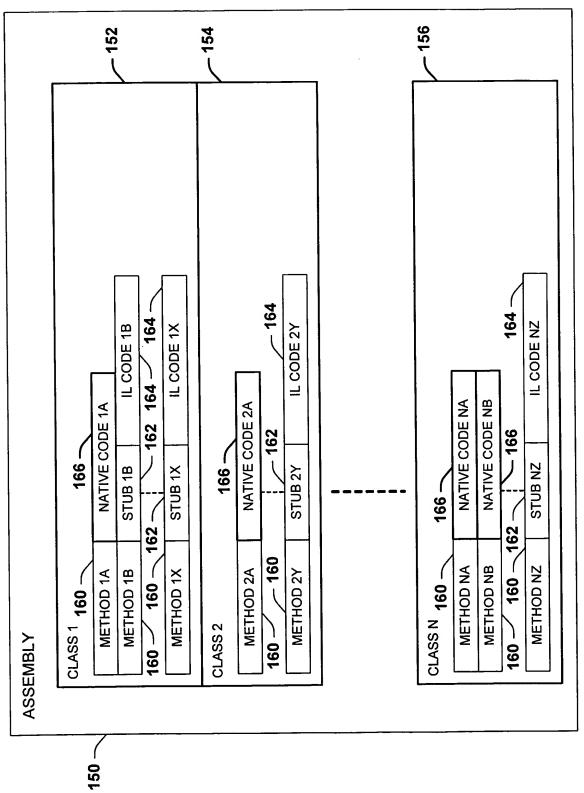


FIG. 5

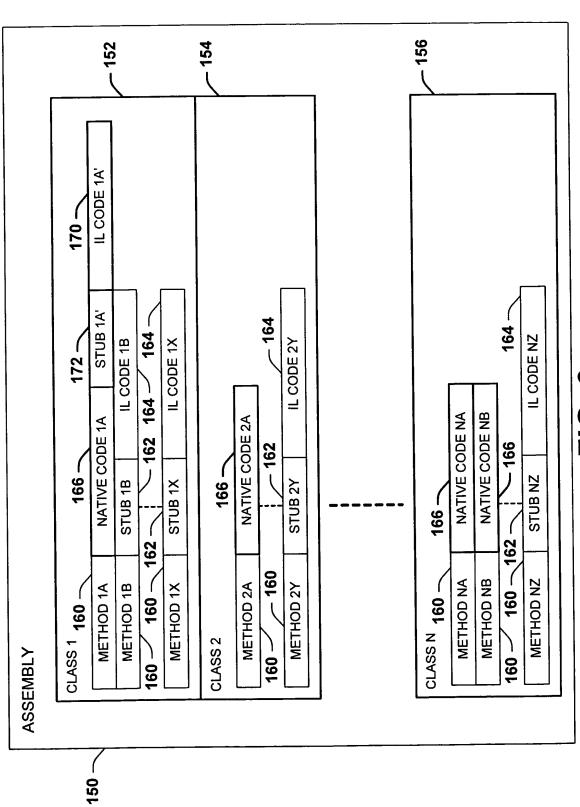


FIG. 6

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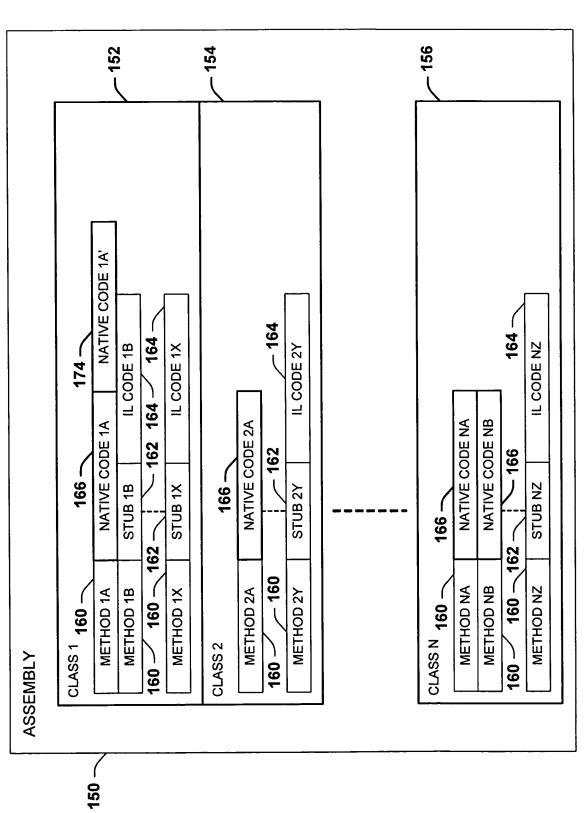


FIG. 7

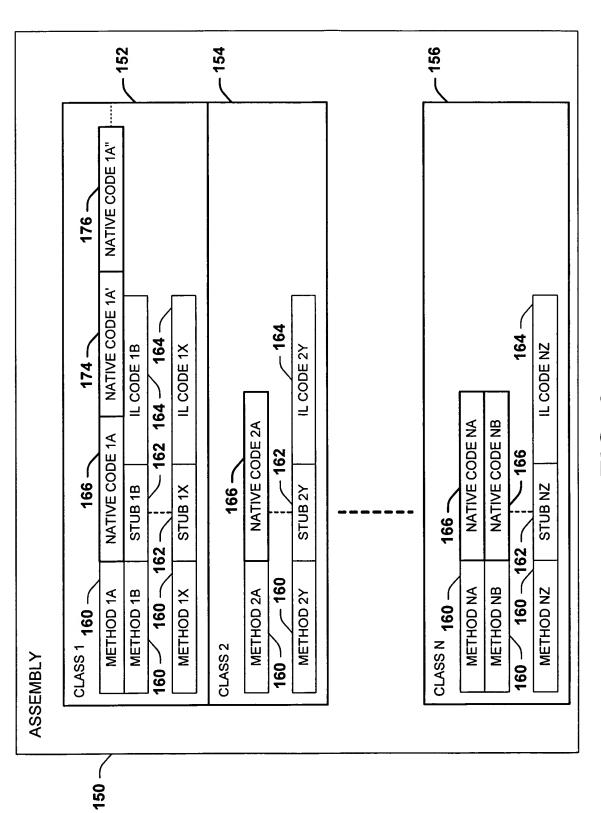


FIG. 8

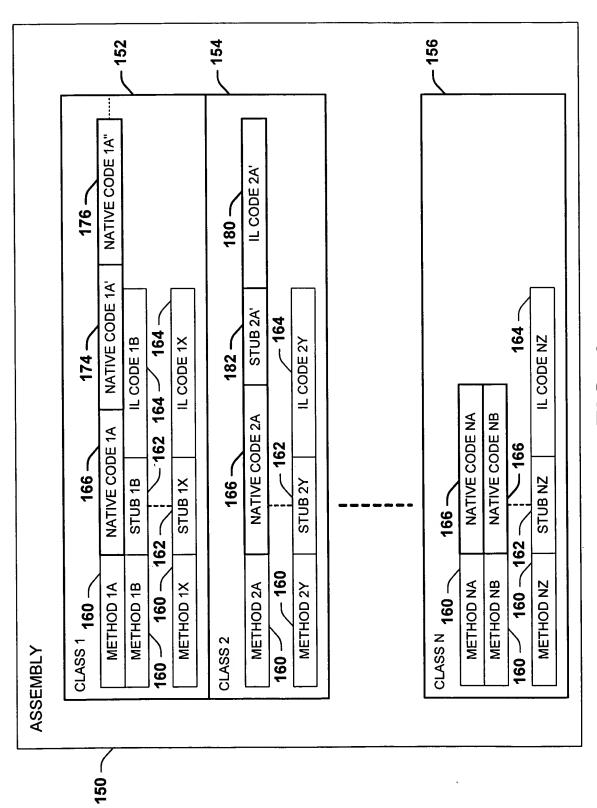


FIG. 9

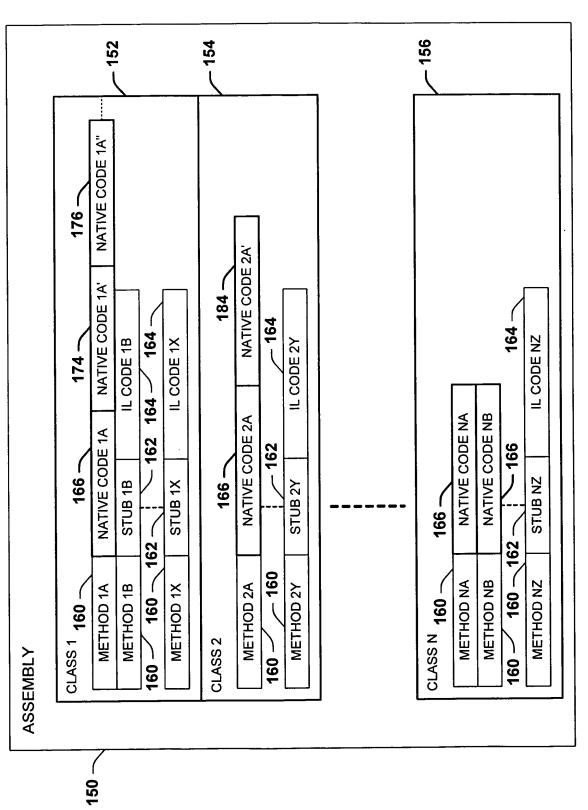


FIG. 10

EXISTING VIENT METHOD TABLE	200	MEMOR	Y VIRTUAL MI	'RY VIRTUAL METHOD TABLE CLASS A	₹ 202	7.240
SLOT 1 EXISTING VIRTUAL METHOD A3 SLOT 2 EXISTING VIRTUAL METHOD A3 SLOT 3 EMPTY SLOT 0 EXISTING VIRTUAL METHOD B1 SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 0 EXISTING VIRTUAL METHOD N3 SLOT 1 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY SLOT 4 EMPTY SLOT 5 EXISTING VIRTUAL METHOD N3 SLOT 6 EXISTING VIRTUAL METHOD N3 SLOT 7 EXISTING VIRTUAL METHOD N3 SLOT 8 EMPTY SLOT 4 EMPTY			SLOT 0	EXISTING VIRTUAL METHOD A1	ADDR 100	213
SLOT 2 EXISTING VIRTUAL METHOD A3 SLOT 3 EMPTY VIRTUAL METHOD TABLE CLASS B SLOT 1 EXISTING VIRTUAL METHOD B1 SLOT 2 EMPTY SLOT 3 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 1 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		<u> </u>	SLOT 1	EXISTING VIRTUAL METHOD A2	ADDR 104	214
SLOT 3 EMPTY SLOT 4 EMPTY VIRTUAL METHOD TABLE CLASS B SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 3 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 1 EXISTING VIRTUAL METHOD N3 SLOT 1 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY			SLOT 2	EXISTING VIRTUAL METHOD A3	ADDR 108	111
SLOT 4 EMPTY VIRTUAL METHOD TABLE CLASS B SLOT 0 EXISTING VIRTUAL METHOD B1 SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 3 EMPTY VIRTUAL METHOD TABLE CLASS N SLOT 0 EXISTING VIRTUAL METHOD N2 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		216	SLOT 3	EMPTY	ADDR 112	
VIRTUAL METHOD TABLE CLASS B SLOT 0 EXISTING VIRTUAL METHOD B1 SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 3 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		218	SLOT 4	EMPTY	ADDR 116	
SLOT 0 EXISTING VIRTUAL METHOD B1 SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		J 	VIRTUAL M	ETHOD TABLE CLASS B	~ 204	C
SLOT 1 EXISTING VIRTUAL METHOD B2 SLOT 2 EMPTY SLOT 3 EMPTY VIRTUAL METHOD TABLE CLASS N SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		L	SLOT 0	EXISTING VIRTUAL METHOD B1	ADDR 120	222
SLOT 2 SLOT 3 EMPTY SLOT 3 EMPTY WIRTUAL METHOD TABLE CLASS N SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 3 EMPTY SLOT 4 EMPTY EMPTY SLOT 4 EMPTY EMPTY EMPTY EMPTY SLOT 4 EMPTY EMPTY EMPTY EMPTY			SLOT 1	EXISTING VIRTUAL METHOD B2	ADDR 124	777
SLOT 3 EMPTY VIRTUAL METHOD TABLE CLASS N SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		224	SLOT 2	EMPTY	ADDR 128	
VIRTUAL METHOD TABLE CLASS N SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		922	SLOT 3	EMPTY	ADDR 132	
VIRTUAL METHOD TABLE CLASS N SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY		J 				
SLOT 0 EXISTING VIRTUAL METHOD N1 SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY			VIRTUAL M	ETHOD TABLE CLASS N	₹ 20€	CCC
SLOT 1 EXISTING VIRTUAL METHOD N2 SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY		<u> </u>	SLOT 0	EXISTING VIRTUAL METHOD N1	ADDR 2988	232
SLOT 2 EXISTING VIRTUAL METHOD N3 SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY			SLOT 1	EXISTING VIRTUAL METHOD N2	ADDR 2992	227
SLOT 3 EMPTY SLOT 4 EMPTY XXXX EMPTY			SLOT 2	EXISTING VIRTUAL METHOD N3	ADDR 2996	157
SLOT 4 EMPTY XXXX EMPTY		236	SLOT 3	EMPTY	ADDR 3000	
XXXX EMPTY		238	SLOT 4	EMPTY	ADDR 3004	
XXXX EMPTY						C
		250	XXXX	EMPTY	ADDR 3100	767

FIG. 11

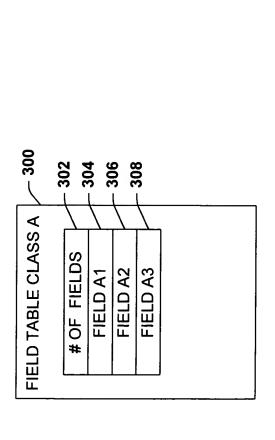
200 — MEI	MEMORY		VIRTUAL METHOD TABLE CLASS A	▶ 202	210
,		SLOT 0	EXISTING VIRTUAL METHOD A1	ADDR 100	213
	<u> </u>	SLOT 1	EXISTING VIRTUAL METHOD A2	ADDR 104	214
		SLOT 2	EXISTING VIRTUAL METHOD A3	ADDR 108	1
216	7	SLOT 3	NEW METHOD A4	ADDR 112	
218	<u> </u>	SLOT 4	EMPTY	ADDR 116	
		VIRTUAL M	VIRTUAL METHOD TABLE CLASS B 244	₹ 204	
		SLOT 0	EXISTING VIRTUAL METHOD B1	ADDR 120	220
	<u> </u>	SLOT 1	EXISTING VIRTUAL METHOD B2	ADDR 124	777
224		SLOT 2	EMPTY	ADDR 128	
525		SLOT 3	EMPTY	ADDR 132	
]				
		VIRTUAL M	VIRTUAL METHOD TABLE CLASS N	▶- 206	CCC
		SLOT 0	EXISTING VIRTUAL METHOD N1	ADDR 2988	233
	<u> </u>	SLOT 1	EXISTING VIRTUAL METHOD N2	ADDR 2992	224
	l	SLOT 2	EXISTING VIRTUAL METHOD N3	ADDR 2996	123
236		SLOT 3	EMPTY	ADDR 3000	
738		SLOT 4	EMPTY	ADDR 3004	
	,				252
067		XXXX	EMPTY	ADDR 3100	707

FIG. 12

200 \sim MEMORY		VIRTUAL METHOD TABLE CLASS A	▶ 202	240
	SLOT 0	EXISTING VIRTUAL METHOD A1	ADDR 100	213
	SLOT 1	EXISTING VIRTUAL METHOD A2	ADDR 104	214
	SLOT 2	EXISTING VIRTUAL METHOD A3	ADDR 108	
276	SLOT 3	EMPTY	ADDR 112	
218	SLOT 4	EMPTY	ADDR 116	
	VIRTUAL M	VIRTUAL METHOD TABLE CLASS B	~ 204	Č
	SLOT 0	EXISTING VIRTUAL METHOD B1	ADDR 120	222
(SLOT 1	EXISTING VIRTUAL METHOD B2	ADDR 124	777
224	SLOT 2	EMPTY	ADDR 128	
226	SLOT 3	EMPTY	ADDR 132	
· · · · · · · · · · · · · · · · · · ·	VIRTUAL M	VIRTUAL METHOD TABLE CLASS N	₹ 20€	000
	SLOT 0	EXISTING VIRTUAL METHOD N1	ADDR 2988	233
	SLOT 1	EXISTING VIRTUAL METHOD N2	ADDR 2992	237
	SLOT 2	EXISTING VIRTUAL METHOD N3	ADDR 2996	1
236	SLOT 3	NEW METHOD A4	ADDR 3000	,
738	SLOT 4	EMPTY ~ 244	ADDR 3004	
				C
7 052	XXXX	NEW METHOD A4	ADDR 3100	767

FIG. 13 -- 244

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- 310

OBJ A1

- 314 - 316 - 318

> FIELD A2 FIELD A3

FIELD A1

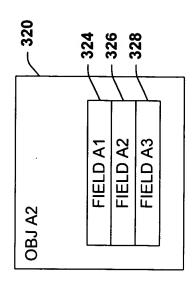
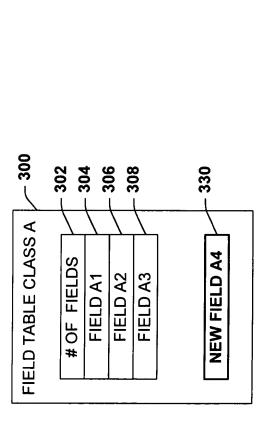


FIG. 14



- 310

OBJ A1

- 314 - 316 - 318

> FIELD A2 FIELD A3

FIELD A1

OBJ A2

FIELD A1

FIELD A2

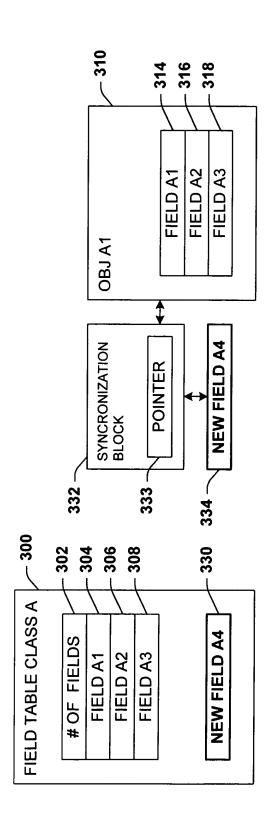
FIELD A3

326

326

FIELD A3

FIG. 15



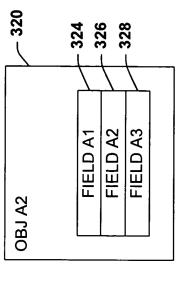
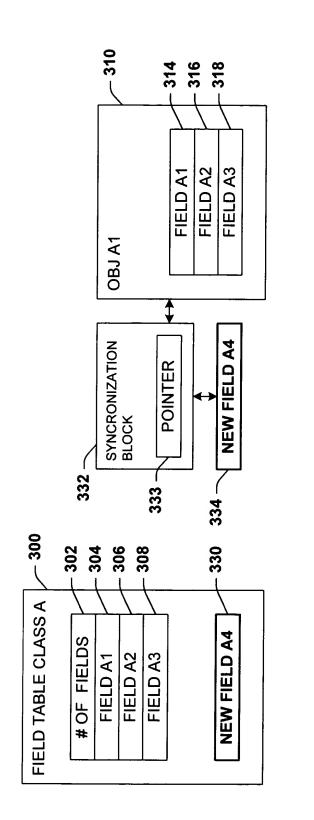
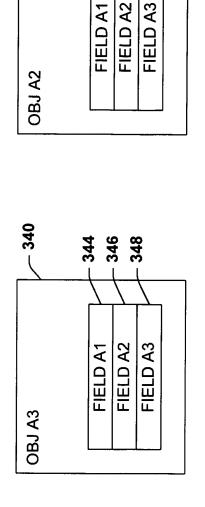


FIG. 16

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- 326 - 328

- 324

320

FIG. 17

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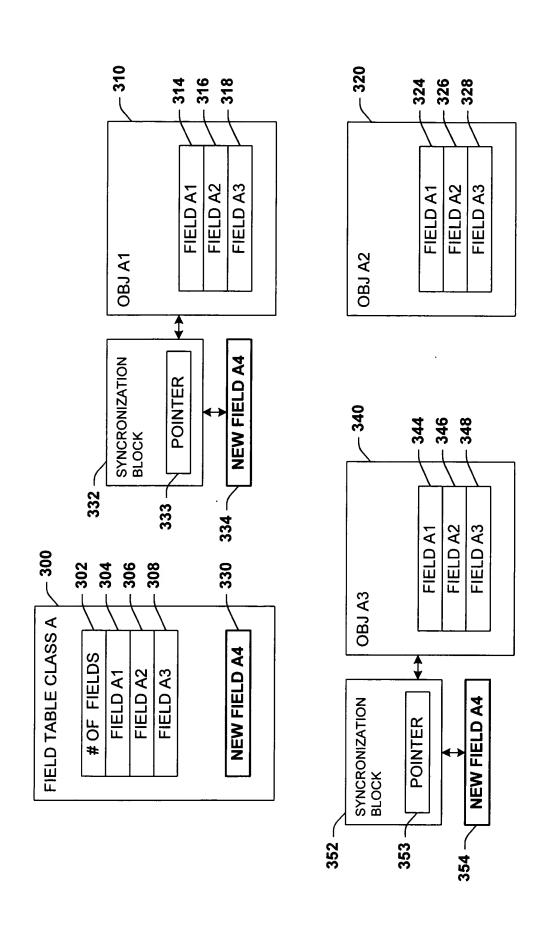
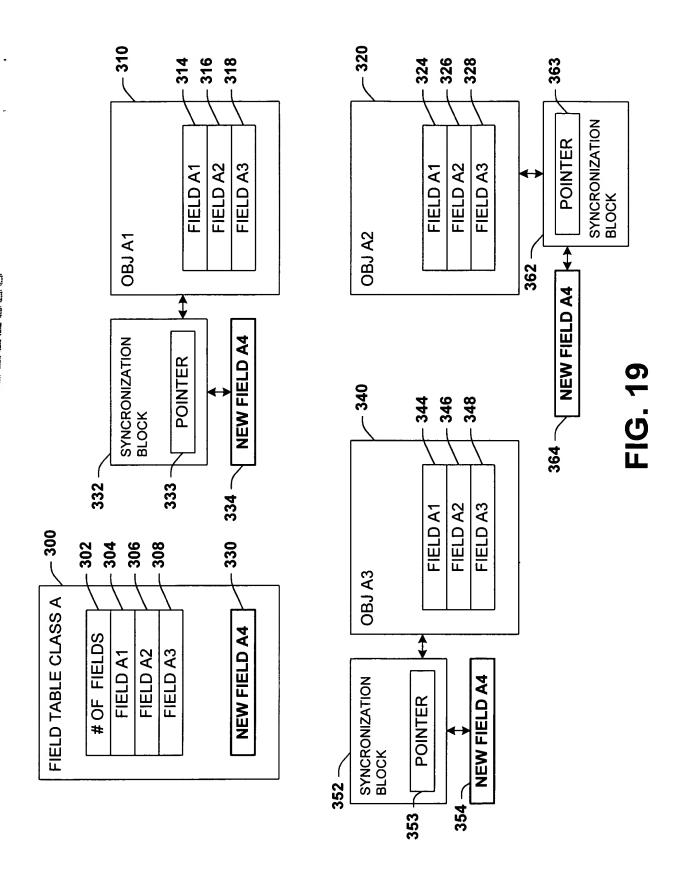


FIG. 18

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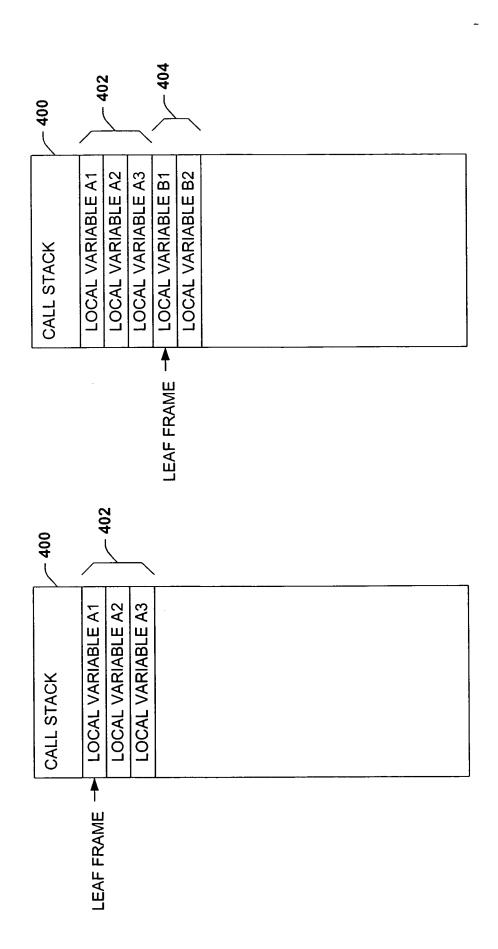
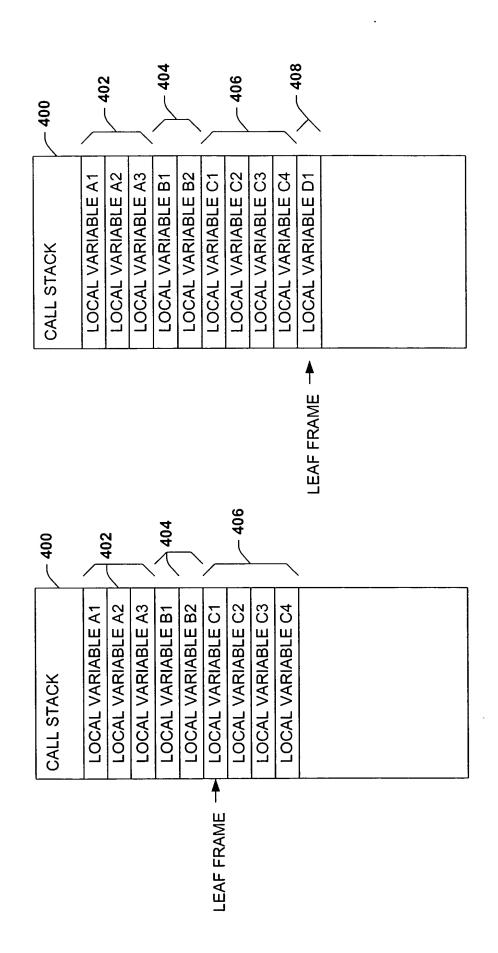


FIG. 21



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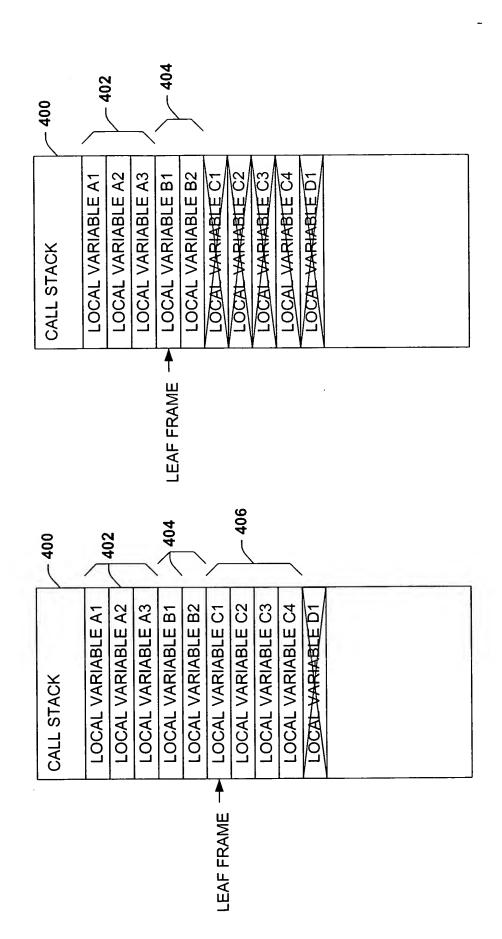


FIG. 24

ζ,

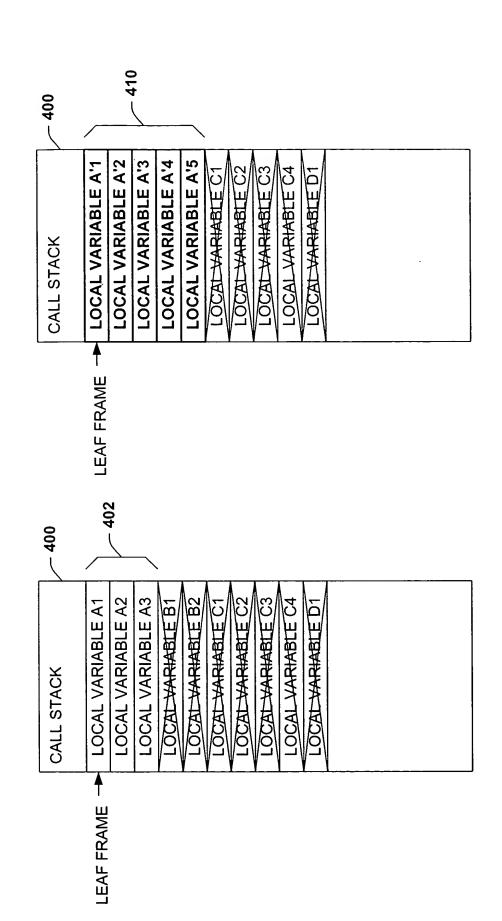


FIG. 26

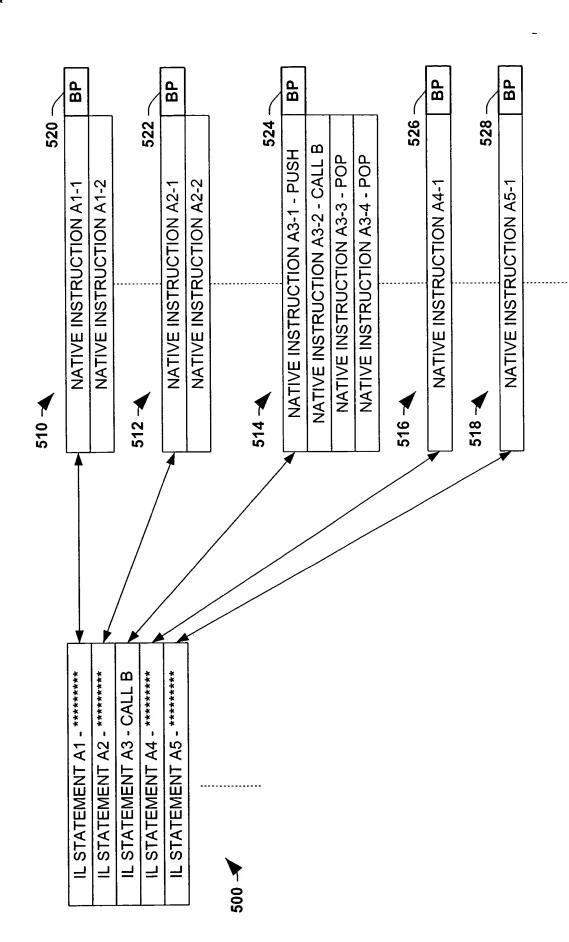


FIG. 28

